

ENERGY AND AUTOMATION

Duradicat to use a design atting			0.700
Product type designation			GX20
General characteristics			50
Switching diagram Contact characteristics			50
Rated insulation voltage Ui	IEC/EN	17	690
	UL/CSA	V V	600
Rated impulse withstand voltage Uimp	UL/CSA	kV	6
Conventional free air thermal current Ith		K V	U
Conventional free all thermal current firm	UL/CSA	۸	15
Poted energianal voltage	UL/CSA	A V	440
Rated operational voltage		V	440
Maximum fuse size for short-circuit protection In (gG)	ΩEI.Λ	۸	16
Detail all antitions accomment law.	25kA	A	16
Rated short time current Icw	4 -	۸	050
On anational assessment to 150/5N	1s	Α	250
Operational current le IEC/EN			
AC1/AC21A		^	20
A C 4 F		A	20
AC15	4401/	۸	10
	110V 220/230V	A	10
		A	8
Detect energtional news in AC	660/690V	A	3.7
Rated operational power in AC			
Single-phase AC-3	200/440\/	LAAA	2
Three phase AC22A	380/440V	kW	3
Three-phase AC23A	200/440\/	LAM	7.5
Cinala abasa ACCOA	380/440V	kW	7.5
Single-phase AC23A	380/440V	kW	3.5
Rated operational current in DC	360/440 V	KVV	3.0
DC21A			
DOZTA	48V	Α	20
	60V		20
	110V	A	4
	440V	A	0.25
DC23A (poles in series)	V 0 F F		0.20
DOZOM (poles in selies)	24V	Α	20 (1)
	48V	A	20 (1)
	60V	A	20 (3)
	110V	Α	10 (3)
	220V	Α	8 (4)
DC13			- (- /
20.0	24V	Α	20
	48V	Α	16
	60V	A	12
	110V	Α	1
	220V	Α	0.4
	440V	Α	0.15
Mechanical features			
Terminals screw			M3
Tightening torque for terminals max		Nm	0.8
Conductor size			

Conductor size

AWG - Rigid cable





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		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
		min	AWG	20
	Conductor size (IEC) - Flexible cable		70	
	Conductor Size (IZO) Trickible duble	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) Digid coble	IVIAX	111111	2.0
	Conductor size (IEC) - Rigid cable			0.5
		Max	mm²	2.5
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-	on-line control			
	for three-phase motor			
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
	and the first section of the section	120V	HP	0.75
		240V	HP	1.5
Ambient conditions		2401		1.0
Temperature				
remperature	Operating temperature			
	Operating temperature		۰.	0.5
		min	°C	-25
	-	max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP65
Terminals IP degree				IP20
ETIM classification				
				EC001029 -
ETIM 8.0				Selector switch,
				complete
				r